

### **AMENDMENTS TO THE CLAIMS**

The present amendment cancels claims 1-13 and amends claim 23. According to 37 C.F.R. § 1.121(c), after entry of the present amendment, the following claims are in the case:

#### **Claims 1-13 canceled**

14. (Previously Presented) An antibody directed against eNOS, in which the eNOS is phosphorylated at Ser-1177 or at Thr-495.

15. (Previously Presented) An antibody according to Claim 14, in which the eNOS is phosphorylated at Ser-1177.

16. (Previously Presented) An antibody according to Claim 14, in which the eNOS is phosphorylated at Thr-495.

17. (Previously Presented) An antibody according to Claim 14, in which the antibody is raised against a synthetic phosphopeptide comprising the sequence RIRTQSpFSLQER.

18. (Previously Presented) An antibody according to Claim 14, in which the antibody is raised against a synthetic phosphopeptide comprising the sequence GITRKKTpFKEVANCV.

19. (Previously Presented) An antibody according to Claim 14, which is a polyclonal antibody.

20. (Previously Presented) An antibody according to Claim 14, which is a monoclonal antibody.

21. (Previously Presented) An antibody according to Claim 14, labelled with a detectable marker.

22. (Previously Presented) A method of detecting phosphorylation of eNOS, comprising the step of reacting a biological sample containing eNOS with an antibody according to claim 14.

23. (Currently Amended) A method according to Claim 23, in which phosphorylation at Ser-1177 is detected.

24. (Previously Presented) A method according to Claim 23, in which phosphorylation at Thr-495 is detected.